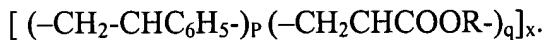


AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A Secondary electrochemical generator cell, with an alkaline electrolyte, the cell containing a non-sintered electrode comprising a two-dimensional conductive support covered by in a layer containing an electrochemically active material and a binder, characterized in that the wherein said binder is a mixture of a cellulose compound and a styrene-acrylate copolymer of general formula:



2. (Currently Amended) Generator A cell according to claim 1, in which the proportion of the-said styrene-acrylate copolymer is less than 4% by weight of the-said layer.

3. (Currently Amended) Generator A cell according to claim 2, in which the proportion of the-said styrene-acrylate copolymer is between 0.15% and 3% by weight of the said layer.

4. (Currently Amended) Generator A cell according to claim 1, in which the-said cellulose compound is chosenselected from the group consisting of methylcellulose,

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carboxymethylcellulose, hydroxypropylmethyl-cellulose, hydroxypropylcellulose and hydroxyethylcellulose.

5. (Currently Amended) GeneratorA cell according to claim 1, in which the proportion of the said cellulose compound is comprised between~~lies in the range of~~ 0.1 and to 1% by weight of the said layer.

6. (Currently Amended) GeneratorA cell according to claim 1, in which ~~the~~ said electrochemically active material comprises a nickel hydroxide.

7. (Currently Amended) GeneratorA cell according to claim 6, in which ~~the~~ said nickel hydroxide also contains at least one syncrystallized hydroxide of an element chosen selected from the group consisting of zinc, cadmium and magnesium and at least one syncrystallized hydroxide of an element chosen selected from the group consisting of cobalt, manganese, aluminium, yttrium, calcium, strontium, zirconium, copper.

8. (Currently Amended) GeneratorA cell according to claim 6, in which ~~the~~ said nickel hydroxide has a spheroidal shape and has a grain size comprised between~~lying in the range of~~ 7 μm and to 20 microns.

9. (Currently Amended) GeneratorA cell according to claim 1, in which ~~the~~ said layer also comprises a conductive material consisting principally of a compound of cobalt.

10. (Currently Amended) GeneratorA cell according to claim 9, in which ~~the~~ said compound of cobalt is ~~elected~~ selected from the group consisting of cobalt metal Co, cobalt oxide CoO, cobalt hydroxide Co(OH)₂, the ~~mixed~~ composite oxide of lithium and cobalt LiCoO₂ and an oxide of conductive cobalt oxide of a valency greater than 2.

11. (Currently Amended) GeneratorA cell according to claim 1, in which ~~the~~ said layer also contains at least one other compound ~~elected~~ selected from the group consisting of compounds of zinc, yttrium, ytterbium and calcium.

12. (Currently Amended) GeneratorA cell according to claim 11, in which ~~the~~ said compound is a compound of yttrium.

13. (Currently Amended) GeneratorA cell according to claim 12, in which ~~the~~ said compound of yttrium is ~~elected~~ selected from the group consisting of yttrium oxide Y₂O₃ and yttrium hydroxide Y(OH)₃.

14. (Currently Amended) GeneratorA cell according to claim 11, in which ~~the~~ said compound is a compound of ytterbium.

15. (Currently Amended) ~~Generator~~A cell according to claim 14, in which ~~the~~ said compound of ytterbium is ~~chosenselected~~ from the group consisting of ytterbium oxide Yb_2O_3 and ytterbium hydroxide $\text{Yb}(\text{OH})_3$.

16. (Currently Amended) ~~Generator~~A cell according to claim 1, in which ~~the~~ said layer also contains polymer ~~fibres~~fibers.

17. (Currently Amended) ~~Generator~~A cell according to claim 1, in which ~~the~~ said two-dimensional conductive support is ~~chosenselected~~ from the group consisting of a solid or perforated strip, an expanded metal, a grid and a fabric.

18. (Currently Amended) ~~Generator~~A cell according to claim 1, also comprising a metal-hydride negative electrode.